p2500usq.ST25.txt
SEQUENCE LISTING

<110> Medical Research Council
       Choo, Yen
       Klug, Aaron
       Isalan, Mark

<120>  Nucleic Acid Binding Polypeptide Library

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<140>  US 09/424,482
<141>  1999-11-23

<150>  GB9710809.6
<151>  1997-05-23

<150>  PCT/GB98/01510
<151>  1998-05-25

<160>  19

<170>  PatentIn version 3.0

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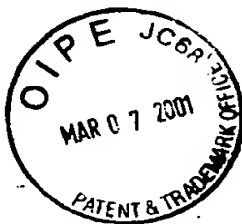<222>  (2)..(4)
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<400>   4

Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1               5               10                  15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa Xaa Xaa
            20              25                  30


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<213>    Artificial

<220>
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<220>
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<223>    Xaa is any amino acid


<220>
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Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa
1                   5                   10                  15

Leu Xaa Xaa His Xaa Xaa Xaa His
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<210>  6
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<220>
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<400>  6

Thr Gly Glu Lys
1

<210>  7
<211>  5
<212>  PRT
<213>  Artificial

<220>
<223>  Description of Artificial Sequence: Linker

<400>  7

Thr Gly Glu Lys Pro
1               5

<210>  8
<211>  26
<212>  PRT
<213>  Artificial

<220>
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Pro Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Lys Ser Asp
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Leu Val Lys His Gln Arg Thr His Thr Gly
            20                  25

<210>  9

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<400>   9
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```
Pro Tyr Lys Cys Ser Glu Cys Gly Lys Ala Phe Ser Gln Lys Ser Asn
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Leu Thr Arg His Gln Arg Ile His Thr Gly Glu Lys Pro
            20                  25
```

```
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```
Met Ala Glu Glu Lys Pro
1               5
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        9
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<220>
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       interaction sequence

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       9


<210>  13
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<220>
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       interaction sequence

<400>  13
acgcccacg
       9


<210>  14
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<220>
<223>  Description of Artificial Sequence: Zinc finger-DNA
       interaction sequence

<400>  14
gcgtgggcg
       9


<210>  15
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<220>
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<220>
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acgccgnnn                                                          9
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<210>  16
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<220>
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       finger


<400>  16
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Met Ala Glu Glu Arg Pro Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg
1               5                   10                  15

Arg Phe Ser Arg Ser Asp Glu Leu Thr Arg His Ile Arg Ile His Thr
            20                  25                  30

Gly Gln Lys Pro
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<210>  17
<211>  28
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<213>  Artificial

<220>
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       finger 2


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```
Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp Asp Leu
1               5                   10                  15

Thr Xaa His Ile Arg Thr His Thr Gly Glu Lys Pro
            20                  25
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<210>  18
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<220>
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<400>  18

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1               5                   10                  15

Lys Arg His Thr Lys Ile His Leu Arg Gln Lys Asp
            20              25

<210>  19
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<212>  PRT
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Phe Ala Cys Asp Ile Cys Gly Arg Lys Phe Ala Xaa Xaa Xaa Xaa Arg
1               5                   10                  15

Lys Arg His Thr Lys Ile His Leu Arg Gln Lys Asp
            20              25
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